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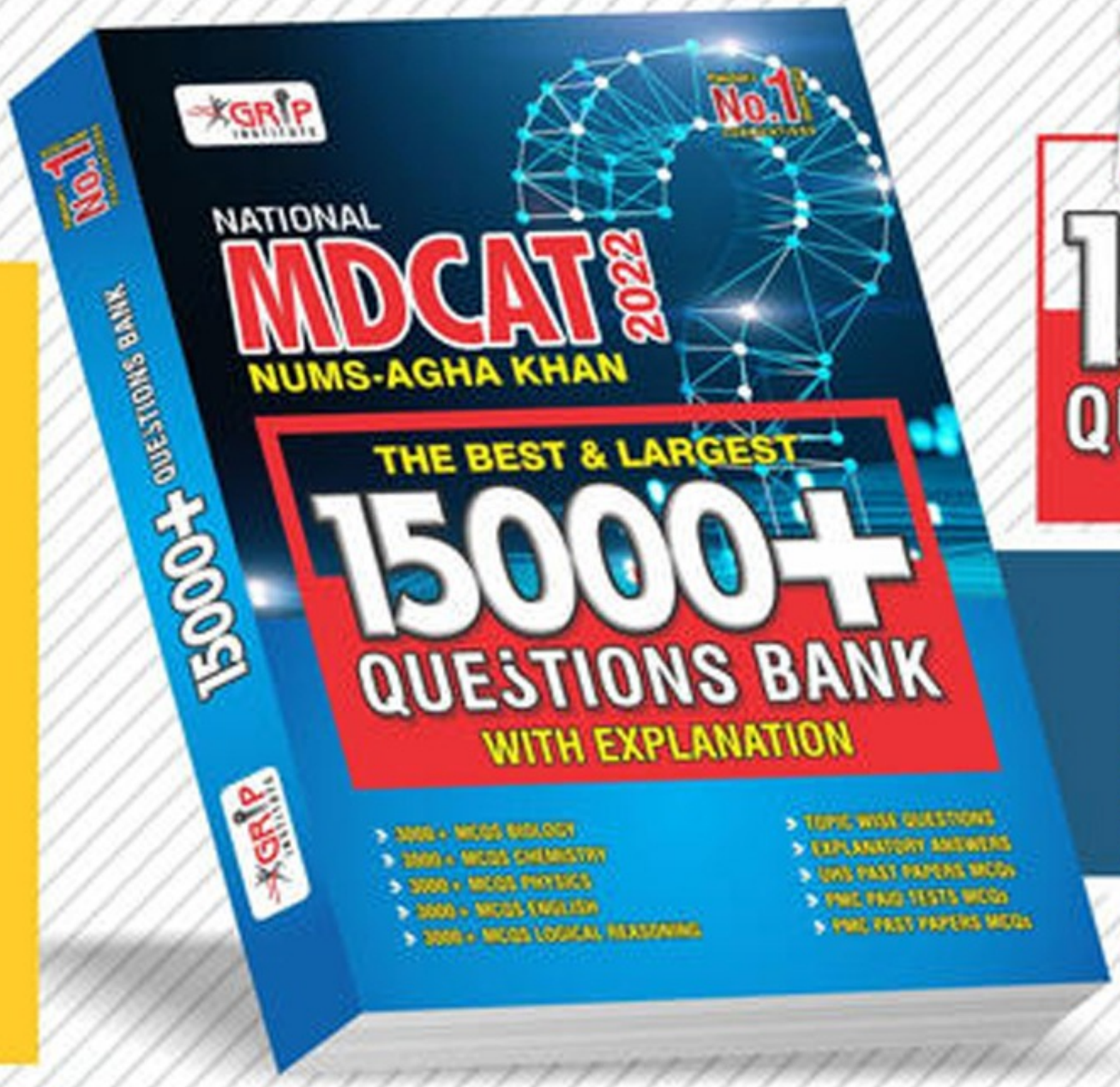

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Q.1 Production of RBCs is called:

A) Haemopoiesis

B) Metamorphosis

C) Haemorphosis

D) Heteromorphosis

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Q1: Insectivorous plants can prepare their own food because they have (Past Paper)

A chlorophyll

B leaves

C stem

D roots

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Q.2 Name the embryonic layer which is responsible for the formation of human circular system?

A) Ectoderm

B) Mesoderm

C) Endoderm

D) Epiderm

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Q2: Insectivorous plants usually grow in soil with poor nutrients hence they get nutrients to grow healthily by (PMC)

A trapping an insect

A. absorbing more water

B. movement of leaves

C. opening stomata

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3. What is the covering of the heart known as?

a) Meninges

b) Pleura

c) Pericardium

d) Peritoneum

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Q3: The tissues which are responsible for the transportation of dissolved substances and water to aerial parts from roots are called

A phloem tissues

B chlorophyll tissues

C mesophyll tissues

D xylem tissues

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Q.4 Pick the agranulocyte W.B.C:

A) Eosinophyl

B) Neutrophyl

C) Basophyl

D) Monocyte

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Q4: Plants which are insectivorous needs insects to feed on because it need

A water

B nutrients

C air

D oxygen

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Q.5 **Living part of blood is:**

A) Plasma

B) Serum

C) Corpuscles

D) Antibody

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Q.5 The Venus fly trap has.

A thick padded leaves

B two powerful jaws

C pointed teeth

D bony stem

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Q.6 Heart pain of short duration in front of chest is:

A) Angina

B) Mycocardial infaretion

C) Heart attack

D) None

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Q. 6 What is the Pitcher Plant shaped like.

A Pitcher

B narrow champagne glass

C plate

D bladder

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Q.7 What is not true about paceker?

A) It is sinoatrial node

B) Present in the wall of left atrium

C) Main control of heart rate

D) All are True

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Q.7 The inside of the Pitcher plant is covered with.

A. hairs pointed down
B. slippery necter
C. sticky necter
D. stomach acid

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Q.8 The relaxation of heart during heart beat is called:

A) Systole

B) Diastole

C) Distasis

D) Cardiac cycle

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Q.8 The phenomenon of uptake of water at the expense of energy by the cell and usually against the osmotic gradient is known as_____

(a) Active absorption
(b) Imbibition
(c) Osmosis
(d) Passive absorption

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Q.9 Valves are found in:

A) Arteries

B) Veins and arteries

C) Veins and Lymphatic Vessel

D) veins Only

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9. The restoration of turgidity in a plasmolysed cell, when placed in a hypotonic solution is caused by_____

(a) Hydration
(b) Electrolysis
(c) Plasmolysis
(d) Deplasmolysis

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Q.10 From right ventricle blood is pushed to:

A) Pulmonary trunk

B) Lungs

C) Aorta

D) Body

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Q.10 Water potential in a cell of root hair absorbing water is_____

(a) Zero
(b) Less than zero
(c) More than zero
(d) More than that of soil water

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Q.11 Each heart beat of man takes:

A) 0.15 sec

B) 0.5 sec

C) 0.8 sec

D) 1.8 sec

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Q.11 Most water absorption in plants takes place through(Past Paper)

(a) Root cap
(b) Root apex
(c) Root hair zone
(d) Meristematic zone

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Q.12 Dubb sound is produce during closure of: (Past paper)

A) Semi lunar value

B) Tricuspid valve

C) Bicuspid valve

D) Both B. and C.

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12. Osmotic concentration of a cell kept in water is chiefly regulated by_____

(a) Vacuoles
(b) Ribosomes
(c) Plastids
(d) Mitochondria

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Q.13 Blockage of arteries is due to deposition of fats and Ca is called:

A) Arteriosclerosis

B) Atherosclerosis

C) Emphysema

D) Leukemia

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13. Which of the following criterion does not pertain to facilitated transport?

(a) High Selectivity
(b) Transport Saturation
(c) Uphill transport
(d) Requirements of special membrane.

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Q.14 The flow of blood from left ventricle to right atrium is called:

A) Coronary circulation

B) Pulmonary circulation

C) Systemic circulation

D) None of above

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Q14: The tissues which are responsible for conduction of dissolved organic food between parts of the body are called

A exothermal tissues

B phloem tissues

C xylem tissues

D endothermal tissues

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Q.15 Normal pH of blood is:

A) 7.4

B) 7.00

C) 6.0

D) 6.40

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Q15 Processes that do not require energy for the movement of particles are

A diffusion and free transport

B osmosis and active transport

C diffusion and osmosis

D diffusion and active transport

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Q.16 Average life span of RBC is:

A) 4 months

B) 3-4 days

C) 3-4 month

D) 3-4 years

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Q16. _____ is not part of apoplast. (Past paper)

a) cell walls

b) vessels

c) intercellular

d) sieve tubes

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Q.17 Macrophages are formed by:

A) Lymphocytes

B) Monocytes

C) Phagocytes

D) Pinocytes

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Q17. In plants, which of the following about apoplast and symplast water movement is true?

a) being down a potential gradient

b) an equal rate of transport

c) conduction through interconnected protoplast

d) assistance by cytoplasmic streaming

Q.18 Which one of the following is leucaemia?

A) Uncontrolled production of RBC

B) Uncontrolled production of WBC

C) Uncontrolled production of platelets

D) All of these

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Q18. In plants, water movement is _____.

a) up the potential gradient in both symplast and apoplast

b) down the potential gradient in apoplast and up the potential gradient in symplast

c) down the potential gradient in both apoplast and symplast

d) down the potential gradient in symplast and up the potential gradient in apoplast

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Q.19 The sequence of events which take place during the completion of one heart beat is termed as

A) A trial systole
B) Ventricular systole
C) Diastole
D) Cardiac cycle

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Q19. Symplastic movement is slower than apoplastic movement because _____.

a) molecule has to enter through cell membrane

b) it is down the gradient

c) as it involves cytoplasmic through streaming always

d) all of the above

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Q.20 Sino Atrial node is present at (PMC)

A) Right atrium

B) Left atrium

C) Upper end of right atrium

D) Upper and left atrium

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Q20. In roots, most of the water flows through (Past paper)

a) Symplast
b) Apoplast
c) Imbibition
d) Active transport

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Q.21 Wave of blood pressure or pulse due to heartbeat can be detected in

A) Arteries

B) Veins

C) Capillaries

D) All of these

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21 **How do mineral ions enter a plant?**

A through the roots

B by osmosis in root hair cells

C by active transport in root hair cells

D through the stomata

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Q.22 The flow of lymph is maintained by

A) Activity of skeletal muscles

B) Movement of viscera

C) Breathing movement

D) All of these

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22 **How does water enter a plant?**

A through the roots

B by osmosis in root hair cells

C through the stomata

D by active transport in root hair cells

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23 **If a person's wound does not cure or clot is not formed, he is suffering from**

A hemophilia

B anemia

C thrombosis

D varicose veins

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24 The main blood protein present in it is called (Past paper)

A platelet

B fibrin

C fibrinogen

D bacteria

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Q.25 The heart is also called (Past paper)

A muscular pump

B pumping device

C pumping machine

D pumping muscle

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Q.26 The walls of left ventricle are thicker than the walls of right ventricle because

A it has to pump blood to the whole body

B it has to pump the blood to lungs

C blood reaches this ventricle in huge amount

D blood reaches this ventricle with extra pressure

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27 **Tiny vessels link up and form a**

A artery

B vein

C capillary

D nerve

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28 **The clot of blood formed in the blood vessel** is known as

A hemophilia

B anemia

C thCrombosis

D varicose vein

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29. Which of these is not included in the vascular system?

a) Heart

b) Blood vessels

c) Blood

d) Lungs

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30. Which of these organs are situated in the thoracic cavity?

a) Stomach

b) Kidney

c) Heart

d) Ovaries

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31 **All the following functions are associated with the spleen except**

A) it provides a filtration system for blood

B) it is the site of red blood cell breakdown

C) it is a storage depot for blood

D) it is the major site of white blood cell formation

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32: 'Hormones' in the blood are carried by

A red blood cells

B white blood cells

C plasma

D platelets

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33 The artery that carries deoxygenated blood is

A renal artery

B hepatic artery

C mesenteric artery

D pulmonary artery

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Q.34 The human heart is (PMC)

A. Ampullary Heart

B. Pulsating Heart

C. Myogenic Heart

D. Neurogenic Heart

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Q.35 The color of blood is red due to

A. Haemoglobin

B. Neutrophils

C. Esinophils

D. Hematocrit

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Q.36 An average human heart beats about time in a minute?

A. 72 times

B. 85 times

C. 90 times

D. 120 times

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